PennState
College of Agricultural Sciences

UNDERGRADUATE EDUCATION

By the Numbers!

Recognized Worldwide for Excellence

"Best colleges" (undergraduates), top 10 in agricultural programs *—U.S. News & World Report*

"#1 alumni collegiate network" *—College Magazine*

"Top 100 university worldwide" *—Center for World University Rankings*

"Best employers for new graduates" *—Forbes*

Penn State's first college

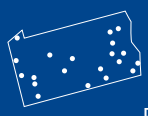
3,000+ students

17 majors + **23** minors

$3+ million in student scholarships annually

35,000+ Ag Sciences alumni

45% start at a campus other than University Park



20 campuses across Pennsylvania

75% complete an internship

24% have international experiences

29+ study abroad countries

40+ clubs, teams, and organizations

Undergraduate Research

$100,000+ awarded annually as wages to students

265 faculty with research appointments

10,000+ acres for hands-on learning in fields, farms, greenhouses, forests, and streams

16:1 student-faculty ratio

Explore Ag Sciences!

@agsciences

MATCH YOUR MAJOR TO YOUR INTERESTS

Pursue your passions!

Our undergraduate majors span numerous interests.

Animals (A) Business (B) Environment (E) Plants (P) Science (S)

Agribusiness Management (A) (B)
Dive into this hands-on approach to a business degree, with a focus on the unique challenges of the agriculture industry.

Agricultural and Extension Education (A) (B) (E) (P) (S)
Prepare to join the next generation of agriculture educators in high schools, colleges, extension, industry, and government while earning an Instructional I teaching certificate to teach in Pennsylvania public schools.
Options: *Environmental Science, Production*

Agricultural Science (A) (B) (E) (P) (S)
Develop a broad, practical background in all aspects of the science and business of agriculture while focusing your expertise with a required college minor.

Animal Science (A) (B) (S)
Launch your future through this hands-on, science-based education in the science and business of raising animals—and it's a great path to veterinary school.

Biological Engineering (E) (S)
Pursue engineering design and analysis to solve critical sustainability issues such as food production, environmental stewardship, and new biobased product development.
Options: *Agricultural Engineering, Food and Biological Process Engineering, Natural Resource Engineering*

BioRenewable Systems (B) (E) (P) (S)
Combine the study of engineering technology, natural resources, and agriculture with the fundamentals of business, entrepreneurship, and management.
Options: *Ag Systems Management, Bioproducts*

Community, Environment, and Development (B) (E)
Develop social science knowledge and skills to help communities and institutions understand and respond to social, economic, and environmental challenges.
Options: *Community and Economic Development, Environmental Economics and Policy, International Development, Social and Environmental Responsibility*

Environmental Resource Management (A) (B) (E) (P) (S)
Turn your passion for environmental science, protection, restoration, and sustainability into a rewarding career.
Options: *Environmental Science, Soil Science, Water Science*

Food Science (B) (S)
Use microbiology, chemistry, engineering, and nutrition to solve real-world problems involving the production, packaging, and preservation of food.

Forest Ecosystem Management (E) (P) (S)
Develop the hands-on, science-based knowledge and skills required to manage forest ecosystems with a focus on conservation and quality of life.
Options: *Forest Biology, Forest Management, Community and Urban Forest Management, Watershed Management*

Immunology and Infectious Disease (A) (E) (S)
Take on this exciting pathway to combat bioterrorism, conduct cutting-edge research to find cures for deadly diseases, or prepare for medical school.

Landscape Contracting (B) (E) (P)
Combine plant science, creative design, technology, and entrepreneurship to create a rewarding career in an industry experiencing explosive growth.
Options: *Design/Build, Landscape Management*

Pharmacology and Toxicology (A) (E) (S)
Unleash science to explore topics like cancer and environmental pollution to prepare for medical school and other biomedical careers.

Plant Sciences (B) (E) (P) (S)
Set yourself up for a rewarding career by gaining a deep understanding of the science and business of plant life.
Options: *Agroecology, Crop Production, Horticulture, Plant Genetics and Biotechnology, Plant Science*

Turfgrass Science (B) (P) (S)
Stand out with a degree from the nation's largest turfgrass program, combining science and management for a credential with immediate industry recognition.

Veterinary and Biomedical Sciences (A) (S)
Build a great foundation for veterinary school and discover additional opportunities in public health and biomedical research.

Wildlife and Fisheries Science (A) (E) (S)
Gain a science-based foundation for a career outdoors managing animal and fish species, protecting their environments, and practicing environmental stewardship.
Options: *Wildlife, Fisheries*

ADD A MINOR FOR A MAJOR ADVANTAGE

- Agribusiness Management
- Agricultural Systems Management
- Agronomy
- Animal Science
- Arboriculture
- Biological Engineering
- Entomology
- Entrepreneurship and Innovation: Food and Bio-Innovation
- Environmental and Renewable Resource Economics
- Environmental Resource Management
- Environmental Soil Science
- Equine Science
- Food Systems
- Forest Ecosystems
- Horticulture
- International Agriculture
- Leadership Development
- Mushroom Science and Technology
- Off-Road Equipment
- One Health
- Plant Pathology
- Poultry and Avian Science
- Wildlife and Fisheries Science

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